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(54) Title: IN VIVO METHODS FOR VALIDATING THE ROLE OF A TUMOR MAINTENANCE GENE

(57) Abstract: Methods of validating tumor maintenance functions of a candidate gene in a *de novo* cancer model and methods of establishing therapeutic windows of therapies targeting this gene.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41358

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 21/04, 21/02; A61K 48/00; C12Q 01/68; C12P 19/34; C12N 15/85, 15/86
 US CL : 435/6, 91.1, 325, 375, 320.1; 536/24.5, 23.1; 514/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 435/6, 91.1, 325, 375, 320.1; 536/24.5, 23.1; 514/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 STN, medline, caplus, lifesci, embase, USPATFULL, biosis,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | ARTS ET AL. Adenoviral Vectors Expressing siRNAs for Discovery and Validation of Gene Function. Genome Research. October 2003, Vol. 13, pages 2325-2332, see entire document. | 1-28 |
| A | KUMAR ET AL. High-Throughput Selection of Effective RNAi Probes for Gene Silencing. October 2003, Vol. 13, pages 2333-2340, see entire document. | 1-28 |
| Y | WO 99/53050 (COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION) 21 October 1999 (21.210.99), see entire document. | 1-28 |
| Y | WO 01/29058 (UNIVERSITY OF MASSACHUSETTS) 26 April 2001 (26.04.01), see entire document. | 1-28 |

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